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	Application No.	Applicant(s)	
	00/074 626	DDESC ET AL	
Notice of Allowability	09/671,636 Examiner	DRESS ET AL. Art Unit	
•	Examiner	/	
	Sudhanshu C. Pathak	2611	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT IN of the Office or upon petition by the applicant. See 37 CFR 1.31	S (OR REMAINS) CLOSED in to b) or other appropriate commun RIGHTS. This application is sub l3 and MPEP 1308.	nis application. If not included cation will be mailed in due course.	
1. \boxtimes This communication is responsive to <u>February 21st, 2006</u>		•	
2. The allowed claim(s) is/are 1-11, 15, 25-26 & 28-49 and r	re-numbered as claims 1-to-35 i	respectively .	
3. Acknowledgment is made of a claim for foreign priority of a) All b) Some* c) None of the:		(f) .	
Certified copies of the priority documents have		A1-	
2. Certified copies of the priority documents have	• •		. 41
3. Copies of the certified copies of the priority d	ocuments have been received i	n this national stage application from	i the
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE noted below. Failure to timely comply will result in ABANDON THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	" of this communication to file a MENT of this application.	reply complying with the requiremer	nts
4. A SUBSTITUTE OATH OR DECLARATION must be subminformal PATENT APPLICATION (PTO-152) which gives			OF
5. CORRECTED DRAWINGS (as "replacement sheets") mu	ust be submitted.		
(a) ☐ including changes required by the Notice of Draftspe		PTO-948) attached	
1) ☐ hereto or 2) ☐ to Paper No./Mail Date	<u>_</u> ,		
(b) including changes required by the attached Examine Paper No./Mail Date	r's Amendment / Comment or in	the Office action of	
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in			ř
6. DEPOSIT OF and/or INFORMATION about the depattached Examiner's comment regarding REQUIREMENT	osit of BIOLOGICAL MATER TFOR THE DEPOSIT OF BIOL	RIAL must be submitted. Note the OGICAL MATERIAL.	
Attachment(s)	e 🗆 Nakaa selesa	med Detent Application (DTO 450)	
 Notice of References Cited (PTO-892) Notice of Draftperson's Patent Drawing Review (PTO-948) 		rmal Patent Application (PTO-152)	
	Paper No./M	ail Date	
3. M Information Disclosure Statements (PTO-1449 or PTO/SB Paper No./Mail Date	/08), 7. ⊠ Examiner's A	mendment/Comment	
Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. ⊠ Examiner's S	atement of Reasons for Allowance	
-	9. 🔲 Other		

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DETAILED ACTION

1. Claims 1-11, 15, 25-26 & 28-49 are pending in the application.

2. Claims 12-14, 16-24 & 27 have been canceled.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John Bruckner on May 4th, 2006.

 In order to avoid a 112 2nd, Paragraph Rejection, the claims have been amended in the following manner:

In Claim 1, line 7 replace
"wherein two of the of plurality" with
wherein the product of two of the plurality

> In Claim 1, line 9 replace

"is a data rate" with

....the bit rate.....

> In Claim 1, line 9 replace

"orthogonally" with

....orthogonality.....

> In Claim 15, lines 8 replace

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	"wherein two of the of plurality" with
	wherein the product of two of the plurality
>	In Claim 15, line 10 replace
	"is a data rate" with
	the bit rate
>	In Claim 15, line 1 replace
	"A computer program comprising" with
	A computer program stored on a computer readable medium
	comprising
>	In Claim 15, line 10 replace
	"orthogonally" with
	orthogonality
>	In Claim 25, line 7 replace
	"wherein two of the of plurality" with
	wherein the product of two of the plurality
>	In Claim 25, line 9 replace
	"is a data rate" with
	the bit rate
>	In Claim 25, line 1 replace
	"A computer program comprising" with
	A computer program stored on a computer readable medium
	comprising

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>	In Claim 25, line 9 replace
	"orthogonally" with
	orthogonality
>	Cancel Claim 26
>	In Claim 28, line 9 replace
	"wherein two of the of plurality" with
	wherein the product of two of the plurality
>	In Claim 28, line 11 replace
	"is a data rate" with
	the bit rate
>	In Claim 28, line 11 replace
	"orthogonally" with
	orthogonality
>	In Claim 32, line 8 replace
	"wherein two of the of plurality" with
	wherein the product of two of the plurality
>	In Claim 32, line 10 replace
	"is a data rate" with
	the bit rate
>	In Claim 32, line 10 replace
	"orthogonally" with
	orthogonality

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In Claim 34, line 8 replace
 "wherein two of the of plurality" with
wherein the product of two of the plurality.....

> In Claim 34, line 10 replace

"is a data rate" with

....the bit rate.....

> In Claim 34, line 10 replace

"orthogonally" with

....orthogonality.....

➤ In Claim 34, line 4 replace

"counting number" with

.....counting number and an integer.....

Allowable Subject Matter

- 4. Claims 1-11, 15, 25-26 & 28-49 and re-numbered as claims 1-to-35 respectively are allowed.
- 5. Claims 1-11, 15, 25-26 & 28-49 and re-numbered as claims 1-to-35 respectively are allowable over the prior art of record because the cited references do not contain the specified limitation of a method, comprising overlapping a plurality of direct- sequence spread-spectrum signals using carrier frequencies that are i) each precisely an integer multiple of a bit rate and ii) orthogonally spaced relative to an integral multiple of the bit rate rather than a chip rate, wherein the chip rate is an integer multiple of the bit rate and is greater than or equal to two and

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wherein the product of two of the plurality of direct-sequence spread-spectrum signals, independent of their relative starting phases, will integrate to zero and <u>an</u> integration time to define orthogonality is 1/Tb, where I/Tb is the bit rate.

Conclusion

- 6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sudhanshu C. Pathak whose telephone number is (571)-272-3038. The examiner can normally be reached on M-F: 9am-6pm.
 - If attempts to reach the examiner by telephone are unsuccessful, the
 examiner's supervisor, Chieh M. Fan can be reached on (571)-272-3042
 - The fax phone number for the organization where this application or proceeding is assigned is (571)-273-8300.
 - Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Sudhanshu C. Pathak

PRIMARY EXAMINER